

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**IN RE: BROEKHOVEN, ET AL.**

**EXAMINER: DANG, THUAN D**

**SERIAL NO.: 10/588,106**

**GROUP ART UNIT: 1797**

**DATE FILED: JULY 31, 2006**

**TITLE: ALKYLATION PROCESS USING A CATALYST  
COMPRISING A SOLID ACID AND A  
HYDROGENATION METAL**

**COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VIRGINIA, 22313-1450**

**RESPONSE TO OFFICE ACTION**

Dear Sir:

This is a response to the Office Action dated August 5, 2009. Please enter the following amendments and remarks.

Amendments to Claims are reflected in the listing of Claims, which begin on Page 2 of this paper.

Remarks begin on Page 4 of this paper.

**CERTIFICATE OF SUBMISSION**

I hereby certify that, in the course of ordinary business, this paper (along with any that may be referred to as being attached or otherwise included with this submission) is being submitted on the date indicated below to the United States Patent and Trademark Office via EFS-Web.

October 27, 2009  
Date

  
DAWN M. RAY